

Arduino Ham Radio Repeater Controller

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Arduino Ham Radio Repeater Controller

Arduino Repeater Controller Sketch: Repeater Controller The Arduino controller uses a audio switch to control the receiver audio to the transmitter. The switch can be as simple as a transistor to drive a relay and switch the audio. The receiver is usually around line level and the transmitter is usually around mic level.

Arduino Repeater Controller | AA5OY - AA5OY | ham radio ...

HAM radio repeater controller arduino Answered. Is there anyone who can help me with a repeater controller, i need a little program which will switch according to input + 3 sec (or something like that) also i want to decode 4 bit paralel data (binary output from a DTMF decoder) ...

HAM radio repeater controller arduino - Instructables

ARDUINO based simplex HAM repeater. ARDUINO Simplex HAM Repeater Controller. This project hereby presented is a complete HAM radio simplex 'smart' repeater, built around a Motorola GM-350/950, Arduino NANO board and a WINBOND audio recording integrated circuit.. The repeater was built to work on the 4m band, in order to promote activity and provide testing facility (by providing on-air S-reports)

ARDUINO Simplex HAM Repeater Controller - qsl.net

This is the completed repeater controller in an Altoids tin with adapter wiring for 2 radios i had at the time. By separating the Speaker, Microphone, and PTT into 3 connectors it provides lots of flexibility for future radios and a trivial interface to connect things -- I could just as easily connect to a laptop soundcard or radio scanner as the "input".

Arduino Repeater Controller - millerm.org

A basic repeater controller only needs to do a few things: Key up the transmit radio when the receive radio is receiving Route the receive audio to the transmit radio Send an ID at least once every ten minutes during a conversation.

Arduino Repeater Controller: Part 1 | David Andrzejewski

AllStar has all the essential capabilities of a repeater controller, IDing every 10 minutes and adjustable time-out timer. The time-out timer can be disabled with a command - useful when broadcasting ARNewline, which can be played automatically with a script, or hosting windbag nets. The scheduler is replaced with Unix Cron.

Repeater Controller | Jeffrey Kopcak, MBA - KBJTK

ARDUINO Simplex Repeater Controller - This project hereby presented is a complete HAM radio simplex 'smart' repeater, built around a Motorola GM-350/950, Arduino NANO board and a WINBOND audio recording integrated circuit

Amateur Radio Arduino Projects : Arduino Projects for Ham ...

About Open Repeater Project. The OpenRepeater Project is the development of a low cost, low power, but a feature rich duplex Linux based amateur radio repeater controller using single board computers (SBCs) like the Raspberry Pi 2/3/3B+/4.

OpenRepeater Project

HamShield lets your Arduino talk to far away people and things using amateur radio bands (Coverage: 136-170MHz, 200-260MHz, 400-520MHz) Project Owner Contributor HamShield: VHF/UHF transceiver for Arduino. Casey Halverson. 8.1k 714 20 Transmit on the license free Longwave band using your Arduino! ...

59 Projects tagged with "ham radio" | Hackaday.io

I constructed an Arduino project to control two HobbyPCB's RS-UV3 Radio Shields. Blogs for the projects are located at: https://sites.google.com/site/rsuv3ar...

RS-UV3 Arduino Repeater Controller Completed Project

Ham radio repeater controller ----- This is an arduino sketch aiming at providing a flexible repeater controller.

GitHub - svancau/repeatercontroller

ARDUINO Simplex Repeater Controller. This project hereby presented is a complete HAM radio simplex 'smart' repeater, built around a Motorola GM-350/950, Arduino NANO board and a WINBOND audio recording integrated circuit.

ARDUINO Simplex Repeater Controller - Resource Detail ...

Repeater Controllers. Our controllers range from the NHRC-2.1 partial kit, an inexpensive repeater controller with real stored speech, to our NHRC-7 Interoperability Repeater Controller.We currently are selling six different repeater controller products, as well as several repeater accessory products.. Repeater Controllers for GE MASTR II & Custom MVP ...

NHRC Repeater Controllers

Ham Radio Repeater Controller New in Original Box. \$400.00. 0 bids. \$45.96 shipping. Ending Sep 2 at 9:26AM PDT 4d or Buy It Now. Watch. ... Motorola Quantar VHF 150-174 R2 ASTRO Radio Repeater Control board conv/trunking. \$299.95. Free shipping. or Best Offer. Only 1 left! 5 new & refurbished from \$584.98.

repeater controller products for sale | eBay

This is an Arduino Library to control the AKC695X / M695X DSP radio devices. AKC695X Arduino Library (LW, MW SW - AM and FM receiver) ... Build a great sounding FM radio with a cool display using an Arduino Nano and the SparkFun SI4703 FM tuner breakout. ... Add an external S-meter on any Icom amateur radio transceiver that has a CI-V control port.

32 radio Projects - Arduino Project Hub

Arduino-Repeater-controller Controll a UHF emergency repeater with Arduino Board The required hardware up to version 4.3. The repeater consists pf two UHF portable radio. In my case, GP300.

GitHub - yo3hvj/Arduino-Repeater-controller: Control a ...

making a radio repeater with arduino. Arduino Forum > Using Arduino > Project Guidance > making a do you have an amateur radio license and where in the world are you ? ... i saw on youtube some guy that made a portable repeater and used a pre made controller (here) and then i saw this pre-made micro-processor chip that do the same job

making a radio repeater with arduino

When the receive radio gets the signal the COR goes to ground. Then a normal controller would determine if the ctcss (sub-audible tone) is correct (67.0hz to 255.0hz) (which ever you choose for your repeater). The controller then takes the PTT to ground, that keys up the radio.